FINAL REPORT ON

ELECTRIC CLOTHES DRYERS

AND LINT IGNITION CHARACTERISTICS

May 2003

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Dryer Design B – Task 2

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Dryer Design B
No Load, High Heat
January 2002

Figure B-1. No Load and High Heat Setting

Dryer Design B
High Heat, Dry Load
January 2002

Figure B-2. Dry Load and High Heat Setting

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Dryer Design B
T1 Heater Intake Temperature
Dry, Wet, and No Load
January 2002

Figure B-3. T1 Heater Intake - Dry, Wet, and No Load Comparison

Dryer Design B
T2 Heater Exhaust Temperature
Dry, Wet and No Load
January 2002

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Dryer Design B
T6 Intake into Tumbler Temperature
0%, 25%, 50%, 75%, and 100% Blocked
January 2002

Figure B-11. T6 Intake into Tumbler – Unblocked, Partially, and 100% Blocked

Dryer Design B
T7 Ambient Room Temperature
0%, 25%, 50%, 75%, and 100% Blocked
January 2002

Figure B-12. T7 Ambient Temperature – Unblocked, Partially, and 100% Blocked

* Wet Load, High Heat Setting